

SEQUENCE LISTING

<110> CHUGAI SEIYAKU KABUSHIKI KAISHA

<120> Pharmaceutical composition for treatment of solid cancers

<130> P846

<160> 31

<210> 1

<211> 1013

<212> DNA

<213> Homosapiens

<223> Nucleotide sequence coding for HM1.24 protein antigen

<400> 1

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Met Ala Ser Thr Ser Tyr Asp Tyr Cys

1

5

aga gtg ccc atg gaa gac ggg gat aag cgc tgt aag ctt ctg ctg ggg 97

Arg Val Pro Met Glu Asp Gly Asp Lys Arg Cys Lys Leu Leu Leu Gly

10

15

20

25

ata gga att ctg gtg ctc ctg atc atc gtg att ctg ggg gtg ccc ttg 145

Ile Gly Ile Leu Val Leu Leu Ile Ile Val Ile Leu Gly Val Pro Leu

30

35

40

att atc ttc acc atc aag gcc aac agc gag gcc tgc cgg gac ggc ctt 193

Ile Ile Phe Thr Ile Lys Ala Asn Ser Glu Ala Cys Arg Asp Gly Leu

45

50

55

cgg gca gtg atg gag tgt cgc aat gtc acc cat ctc ctg caa caa gag 241

Arg Ala Val Met Glu Cys Arg Asn Val Thr His Leu Leu Gln Gln Glu

60

65

70

ctg acc gag gcc cag aag ggc ttt cag gat gtg gag gcc cag gcc gcc 289

Leu Thr Glu Ala Gln Lys Gly Phe Gln Asp Val Glu Ala Gln Ala Ala

75

80

85

acc tgc aac cac act gtg atg gcc cta atg gct tcc ctg gat gca gag 337

Thr Cys Asn His Thr Val Met Ala Leu Met Ala Ser Leu Asp Ala Glu

90

95

100

105

aag gcc caa gga caa aag aaa gtg gag gag ctt gag gga gag atc act 385

Lys Ala Gln Gly Gln Lys Lys Val Glu Glu Leu Glu Gly Glu Ile Thr

110

115

120

aca tta aac cat aag ctt cag gac gcg tct gca gag gtg gag cga ctg 433

	85	90	95
Ala Leu Met	Ala Ser Leu Asp	Ala Glu Lys Ala Gln Gly	Gln Lys Lys
100		105	110
Val Glu Glu	Leu Glu Gly Glu Ile Thr Thr	Leu Asn His Lys	Leu Gln
115		120	125
Asp Ala Ser	Ala Glu Val Glu Arg Leu Arg Arg	Glu Asn Gln Val	Leu
130		135	140
Ser Val Arg	Ile Ala Asp Lys Lys Tyr Tyr Pro	Ser Ser Gln Asp	Ser
145		150	155
Ser Ser Ala	Ala Ala Pro Gln Leu Leu Ile Val	Leu Leu Gly Leu	Ser
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Ala Leu Leu	Gln		
	180		

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<221>

<222>

<223> Forward primer Initial(BamHI)

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39

<210> 4

<211> 97

<221> DNA

<213> Artificial Sequence

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<221>

<222>

<223> Forward primer 1-97

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60

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97

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<211> 100

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 actcccactc gcccttgctg cagccgctgc cgcccagcaa gg 102
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 <211> 93
 <221> DNA
 <213> Artificial Sequence
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 aggacaccac cgagtatttc gtgcgcacca agg 93
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 acc 63

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 <223> Foward primer 801-870
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 cgactacctg 70
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 <221> DNA
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 <223> Reverse primer 1596-1488
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<221> DNA

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ccgtagagcg acgtgcgcat gtggaaggcg aagggtcgg 100

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<221> DNA

<213> Artificial Sequence

<220>

<221>

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<223> Reverse primer 1023-922

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 <213> Artificial Sequence
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 acgaaatact cgggtggtgtc c 81
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<221> DNA
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 <223> Reverse primer Bam-359
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 <213> Homo sapiens
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 <223> Nucleotide sequence encoding human GnTIII
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<210> 31

<211> 1596

<221> DNA

<213> Artificial Sequence

<220>

<221>

<222>

<223> Artificial nucleotide sequence encoding human GnTIII

<400> 31

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